STATE PROCUREMENT OFFICE
EMERGENCY PROCUREMENT REQUEST

1. TO: Chief Procurement Officer

2. FROM: Transportation/Airports Division
Department/Division/Agency

Pursuant to §103D-307, HRS, and Subchapter 10, Chapter 3-122, HAR, the Department requests approval for the following:

3. Date March 16, 2007 4. After the fact ☐ YES ☒ NO

5. Nature of the Emergency Please see attached sheet

6. Vendor: Production Hawaii, Inc.
Address: 1717 Republican Street, Honolulu, HI 96819

7. Price: $49,000.00

8. Description of goods, services, or construction to be purchased
Please see attached sheet

9. Reason for Vendor Selection
Please see attached sheet

10. Direct questions to: Paul Chang Phone: 838-8830

11. ***I certify that the information provided above is to the best of my knowledge, true and correct.***

Department Head or Designee 3/20/07 Date

Reserved for SPO Use Only

12. Chief Procurement Officer's comments:

13. ☒ APPROVED ☐ DISAPPROVED ☐ NO ACTION REQUIRED

Chief Procurement Officer 3/27/07 Date

14. E.P.No. 07-30A

SPO-02 (Rev. 08//01/2006)

5. Nature of emergency: The Interim FIS facility is a modular building that requires periodic panel replacement. Currently, these panels are 12 years old and most of the panels are torn and leak during rain.

US Customs have very sensitive equipments that can be easily damaged by water are operating in this building. These equipments are necessary to process foreign arrivals. US customs do not have any replacements on site. Foreign arrival process will stop, if the equipments are damaged. The modular panels will need to be replaced as soon as possible.

8. Description of goods, services or constructions to be purchased:

The modular building is made by Sprung Structures. Their local representative is Production Hawaii, Inc. This building is constructed with aluminum frame work and fabric panels. Aluminum frame is anchored into the ground and the fabric panels are fitted in the grooves of the frame work to provide the weather protection.

For the panel replacement, upper frame work will need to be loosening to release the fabric panel tension. These panels will then be pulled out of the frame work and new ones will be installed in reverse order. The new panels will also need to fit around the air condition ducts then weather sealed. After installation of each panel, a predetermined tension will need to apply to ensure proper building integrity.

This also answer question 9. These replacement panels will need to fit precisely to their frame rails. Dimensions of the panels and fitment will determine the proper strength and weather protection of the building. Since the building is made by Sprung Structures, Inc. Their replacement parts are required to ensure a successful replacement project.

SECTION 13125 - CANOPY FABRIC

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

The General Provisions of the Contract, including General and Special Provisions and General Requirements of the Specifications, apply to the work specified in this section.

1.02 DESCRIPTION OF WORK

A. Provide fabric canopy cove for pre-engineered steel framed canopy.

B. Work includes, design, engineering, fabrication and erection of new fabric tent structure, complete as shown on the drawings.

C. Related Work Described Elsewhere: Metal column and canopy structure designed and provided under Section 13122 - PRE-ENGINEERED CANOPY FRAMEWORK.

1.03 QUALITY ASSURANCE

A. Qualification of Fabric Manufacturer: The fabric manufacturer shall have a minimum of five years experience in the manufacture of fabric for exterior awnings.

B. Qualifications of Installer: The installer shall have a minimum of 5 years experience in the successful completion of projects of similar scope, and shall be approved by the fabric manufacturer.

1.04 DESIGN CRITERIA

A. The tent structure shall be designed as a Membrane Stress Structure in which all forces are dispersed throughout the structure and dissipated into the ground through the structural members.

B. The membrane stress structure shall be designed to withstand exposure to whether, without failure. Each member shall be designed to withstand the stresses resulting from combinations of loads that produce the maximum allowable stresses at that manner.

C. Design Loads:

1. Wind Load: 80 mph, based on UBC, 1991, Exposure D.

2. Live Load: 10 psf, based on UBC, 1991.

3. Seismic Zone: 4, based on UBC, 1991.

D. Definitions:

1. Basic Design Loads: Includes live load and seismic load in addition to dead load.

2. Collateral Loads: Includes additional dead loads over and above the weight of the stress structure system, such as lighting fixtures.

E. The fabric membrane shall be installed on the structural frame and be tensioned vertically and stretched horizontally to prevent wear and abrasion. Horizontal stretch shall be maintained mechanical with horizontal purlins or spreaders that require no ongoing maintenance. Fabric shall be stretched in such a way so as to create a compression at each horizontal purling of not less than 1,500 lbs.

G. The track system to which holds the fabric to the main structural support beams shall be removable to allow for quick interchangeability of fabric ends. The structure shall be so designed that any panel may be removed or replaced within 15 minutes using a maximum of four workmen.

H. For required roof slopes of the structures, refer to drawings.

I. No exterior guy ropes or cable shall be used for anchoring the structure.

J. There will be not exterior horizontal purlins.

K. The fabric panels shall be continuous from the ground seal to the peak and manufactured in such a way that no eave shall exist.

1.05 SUBMITTALS

A. Product Data: Submit in accordance with Section 01300 - Submittals.

1. Manufacturer's Catalog Data: Submit catalog cuts, technical data sheets, and descriptive literature.

2. Drawings: Submit drawings showing all components, fastening, and relationship to adjoining substrate.

3. Samples: Submit samples of colors and patterns available from manufacturer's standard colors and patterns for selection by the Engineer.

1.06 WARRANTY

A. Fabric: The fabric membrane shall carry a pro-rata guarantee of a minimum of 12 years.

PART 2 - PRODUCTS

2.01 MATERIALS/ MANUFACTURER

A. Canopy Fabric:

1. Fabric: Vinyl-laminated polyester, Precontraint 702 or approved equal.

2. Yarn: 1100 Dtex PES HT or approved equal.

3. Flame Retardancy: NFPA 701, LS2

4. Weight: Approximately 750 gg/ sq. m

5. Width: 60 - 62 inches

6. Top Coating: Urethane/ Acrylic Polished Top Coat.

7. Breaking Strength (Warp/ Weft): 30/28 daN

8. Tensile Strength: (Warp/ Weft): 280/280 daN/ 5 cm

9. Adhesion: 10 daN/ 5 cm

10. Capillarity Resistance: less than 10 mm.

B. Thread for Fabrication: Mildew and UV resistant as recommended by the manufacturer for exterior exposure.

2.02 FABRICATION

Fabricate to tightly fit metal canopy structure. All sewing shall be performed by experienced canopy workers with ample work room for tabling and handling fabrics without bundling or folding.

PART 3 - EXECUTION

3.01 INSTALLATION

Comply with manufacturer's installation instructions and approved shop drawings. Install prefabricated canopy cover with no visible connections exposed on the exterior face of the canopy. All ties used on the exterior face of the canopy. All ties used on the underside shall be non-ferrous. Attachment shall hole canopy fabric in place up to highest wind load design pressure of the metal framing design. Install after metal framing is painted.

3.02 CLEANING

Leave canopy surfaces clean and free of grease, fingerprints and stains. Remove scrap debris from surrounding areas and grounds.

PART 4 - MEASUREMENT AND PAYMENT

4.01 BASIS OF MEASUREMENT AND PAYMENT

Work under this Section will not be measured for payment but will be paid for at the Contract Lump Sum Price.

Item No.	Item	Unit
13125.1	Canopy Fabric	Lump Sum

END OF SECTION